

5C 1137

1c997 U.S. PTO  
09/987113



|                      |          |
|----------------------|----------|
| 250                  | 282      |
| Class                | Subclass |
| ISSUE CLASSIFICATION |          |

PATENT NUMBER

# U.S. UTILITY Patent Application

|                             |          |             |
|-----------------------------|----------|-------------|
| MT                          | O.I.P.E. | PATENT DATE |
| SCANNED 2/13 O.A. <i>LC</i> |          |             |

|                             |                 |              |                 |                                  |                          |
|-----------------------------|-----------------|--------------|-----------------|----------------------------------|--------------------------|
| APPLICATION NO<br>09/987113 | CONT/PRIOR<br>F | CLASS<br>250 | SUBCLASS<br>282 | ART UNIT<br><del>2878</del> 2881 | EXAMINER<br><i>burzo</i> |
|-----------------------------|-----------------|--------------|-----------------|----------------------------------|--------------------------|

APPLICANTS

TITLE

PTO-2040  
12/99

| ISSUING CLASSIFICATION       |          |                    |                                   |     |  |  |  |
|------------------------------|----------|--------------------|-----------------------------------|-----|--|--|--|
| ORIGINAL                     |          | CROSS REFERENCE(S) |                                   |     |  |  |  |
| CLASS                        | SUBCLASS | CLASS              | SUBCLASS (ONE SUBCLASS PER BLOCK) |     |  |  |  |
| 250                          | 282      | 250                | 292                               | 290 |  |  |  |
| INTERNATIONAL CLASSIFICATION |          |                    |                                   |     |  |  |  |
| H01S                         | 49/42    |                    |                                   |     |  |  |  |
|                              |          |                    |                                   |     |  |  |  |
|                              |          |                    |                                   |     |  |  |  |
|                              |          |                    |                                   |     |  |  |  |
|                              |          |                    |                                   |     |  |  |  |
|                              |          |                    |                                   |     |  |  |  |
|                              |          |                    |                                   |     |  |  |  |

☐ Continued on Issue Slip Inside File Jacket

|   |  |  |  |  |  |
|---|--|--|--|--|--|
| <input type="checkbox"/> <b>TERMINAL DISCLAIMER</b><br><br><input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed.<br><br><input type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S. Patent No. _____<br><br><input type="checkbox"/> The terminal _____ months of this patent have been disclaimed. | <b>DRAWINGS</b><br>Sheets Drwg. <u>5</u> Figs. Drwg. <u>15</u> Print Fig. <u>2</u> |  |  | <b>CLAIMS ALLOWED</b><br>Total Claims <u>9</u> Print Claim for O.G. <u>1</u> |  |
|   | Paul M. Gurge <u>8/28/03</u><br>(Assistant Examiner) (Date)                        |  |  | <b>NOTICE OF ALLOWANCE MAILED</b>  |  |
|   | JOHN R. LEE<br>SUPERVISORY PATENT EXAMINER<br>(Primary Examiner) (Date)            |  |  | <b>ISSUE FEE</b><br>Amount Due    Date Paid                                  |  |
|   | _____<br>(Legal Instruments Examiner) (Date)                                       |  |  | <b>ISSUE BATCH NUMBER</b>  |  |

## WARNING:

The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.

Form PTO-436A  
(Rev. 5/99)

FILED WITH: ☐ DISK (CRF) ☐ FICHE ☐ CD-ROM  
(Attached in pocket on right inside flap)

(FACE)